

---

**City of Fremont Initial Study**

---

1. **Project:** MetroPCS Lynx Drive
2. **Lead agency name and address (including e-mail address/fax no. as appropriate):**  
City of Fremont, 39550 Liberty Street, Fremont, CA 94538
3. **Contact person and phone number (including e-mail address/fax no. as appropriate):**  
Joel Pullen, Tel: (510) 494-4436; Fax: (510) 494-4457; jpullen@fremont.gov
4. **Project location:** Unaddressed site on 45900 block of Mission Blvd. near Rabbit Ct. and Lynx Dr., Fremont, CA 94539, APN 519-1704-001-00
5. **Project sponsor's name and address (including e-mail address/fax no. as appropriate):**  
Patrick Cruzen, 1080 Marina Village Parkway, 4<sup>th</sup> Floor, Alameda, CA 94501
6. **General Plan designation:** Private Open Space
7. **Zoning:** Planned District P-84-14
8. **Description of project:** The applicant requests a Zoning Administrator Permit and Major Encroachment Permit to install a wireless telecommunications facility consisting of six panel antennae centered at 33 feet high on an existing 47-foot joint powers authority utility pole adjoining Mission Boulevard. Four seven-foot high equipment cabinets are proposed to be installed at grade on a new 200-square-foot concrete pad in a landscape planter area between Mission Boulevard and Lynx Drive near the intersection of Rabbit Court. Landscaping is proposed to screen the equipment. Associated trenching across the right-of-way is necessary on adjacent streets for wiring interconnection of equipment and antennae.
9. **Surrounding land uses and setting:** Mission Boulevard is a divided arterial roadway. The existing utility pole is within a 25 to 40-foot wide planter strip (median) on the east side of Mission Boulevard between the parallel Lynx Drive frontage road. Mission Boulevard in this area passes over a small rise between Durham Road and Grimmer Boulevard in a low-density residential neighborhood. Large pine trees, street trees, and miscellaneous bushes fill out the landscape strip. Additional wireless facilities have been sited along the frontage road in the vicinity approximately 500 feet north and south of the subject site. The nearest single family homes are 150 feet to the west beyond the streetscape landscaping and 100 feet to the east beyond the streetscape landscaping.
10. **Congestion Management Program - Land Use Analysis:** The project analysis must be submitted to the Alameda County Congestion Management Agency for review if "Yes" to any of the following:

<table border="1" style="display: inline-table; width: 30px; height: 30px; text-align: center; vertical-align: middle;">   </table>	YES	<table border="1" style="display: inline-table; width: 30px; height: 30px; text-align: center; vertical-align: middle;">   </table>	NO	This project includes a request for a General Plan Amendment. If yes, send appropriate forms to Alameda County Congestion Management Agency.
<table border="1" style="display: inline-table; width: 30px; height: 30px; text-align: center; vertical-align: middle;">   </table>	YES	<table border="1" style="display: inline-table; width: 30px; height: 30px; text-align: center; vertical-align: middle;">   </table>	NO	A Notice of Preparation is being prepared for this project.
<table border="1" style="display: inline-table; width: 30px; height: 30px; text-align: center; vertical-align: middle;">   </table>	YES	<table border="1" style="display: inline-table; width: 30px; height: 30px; text-align: center; vertical-align: middle;">   </table>	NO	An Environmental Impact Report is being prepared.
11. **Other public agencies required approval of involvement:** (e.g., permits, special district boundaries, financing approval, or participation agreement.) None

# **ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:**

The following list indicates the environmental factors that would be potentially affected by this project. Those factors that are indicated as a "Potentially Significant Impact" in the initial study checklist are labeled "PS" while those factors that are indicated as a "Potentially Significant Unless Mitigation Incorporated" are labeled "M".

	Aesthetics		Agriculture and Forrest Resources		Air Quality
	Biological Resources		Cultural Resources		Geology / Soils
	Hazards & Hazardous Material		Hydrology / Water Quality		Land Use / Planning
	Greenhouse Gas Emissions		Mineral Resources		Noise
	Population / Housing		Public Services		Recreation
	Transportation / Traffic		Utilities / Service Systems		Mandatory Findings of Significance

## **DETERMINATION BY THE CITY OF FREMONT:**

On the basis of this initial evaluation:

<b>X</b>	I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
	I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
	I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
	I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
	I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature:



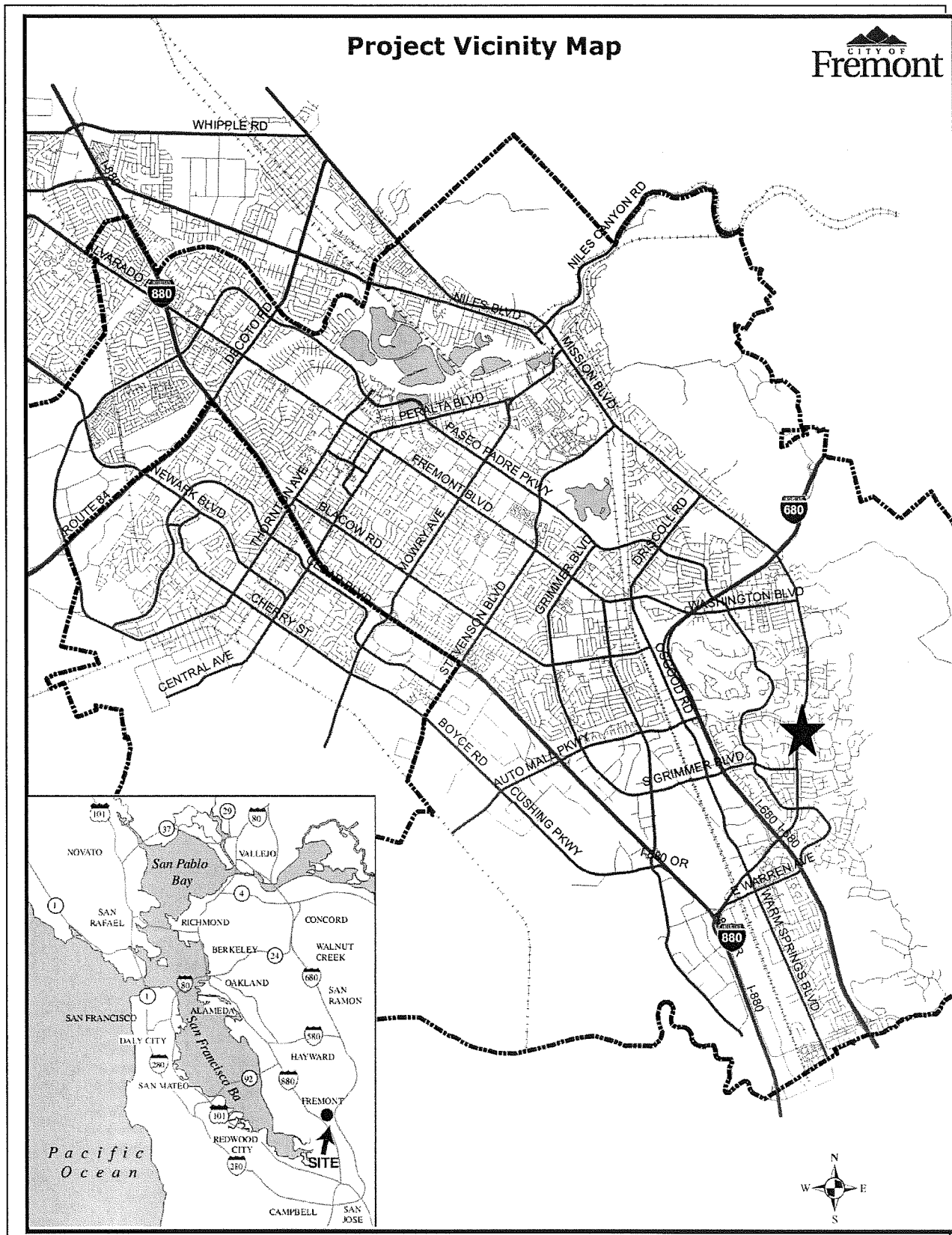
Date: 31 January 2012

Printed Name: Joel Pullen

For: City of Fremont

Senior Planner Review:





**I. AESTHETICS - Would the project:**

<b>ISSUES:</b>		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact	Information Sources
a.	Have a substantial adverse effect on a scenic vista?				<b>X</b>	11
b.	Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?				<b>X</b>	1, 11, 29
c.	Substantially degrade the existing visual character or quality of the site and its surroundings?			<b>X</b>		1, 11, A
d.	Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?				<b>X</b>	1, B

*Comment:* The project is located within a planter strip on the eastern side of Mission Boulevard as it passes over a small hill between South Grimmer Boulevard and Durham Road. The planter strip is approximately 25 to 40 feet wide, and contains mature pine trees and dense underbrush. The median of Mission Boulevard is also planted with rows of pine trees, creating a high screen on either side of the road in the northbound direction. A row of utility poles approximately 50 feet high carries power and cable near the sidewalk on the eastern side of Mission Boulevard. Due to the grades, several wireless companies have installed facilities on these utility poles in the vicinity. These facilities generally consist of horizontal mounting arms with several antennae mounted parallel to the utility pole. Similar facilities exist approximately 500 feet south and 500 feet north of this location.

The project calls for installation of six panel antennae centered at 33' high on an existing utility pole in the planter strip between Mission Boulevard and Lynx Drive. The antennae are located on a horizontal mounting arm (perpendicular to the road) with the nearest antennae set vertically at the minimum feasible distance (24") from the utility pole. To minimize visibility, four antennae have been clustered closer to the adjacent trees on the east and away from the road, while two antennae are located 24" from the west side of the pole. The four new equipment cabinets are to be placed on a new 200-square-foot concrete pad (20' x 10') placed linearly in the same direction as the length of the planter strip between Mission Boulevard and Lynx Drive. The applicant has proposed landscape-based screening (columnar shrubs) to effectively screen the facility within the existing planter area.

The applicant prepared photosimulations demonstrating the expected imposition of the proposed installation into the visual landscape. The photosimulations demonstrate that noticeability and aesthetic concerns are reduced by the placement of the facility. Mature trees in the median of Mission Boulevard and in the planter strip to the east screen the installation from most points other than the road itself. Specifically, there is a row of trees approximately 150 feet long in the median that significantly reduces visibility of the facility as southbound traffic draws near. Pine trees to the immediate southeast of the pole eliminates visibility from Rabbit Court, reducing visibility to traffic proceeding northbound on Mission Boulevard and a narrow window of southbound traffic on Lynx Drive. The utility nature of the pole, combined with the narrow view window and adjacent mature landscaping, prevents significant visibility of the structure.

Aesthetic impacts are less than significant. No mitigation is required.

- II. AGRICULTURE AND FOREST RESOURCES** - In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in the Forest Protocols adopted by the California Air Resources Board. Would the project:

<b>ISSUES:</b>		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact	Information Sources
a.	Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?				X	19
b.	Conflict with existing zoning for agricultural use, or a Williamson Act contract?				X	3, 20
c.	Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)) or timberland (as defined in Public Resources Code section 4526)?				X	NA
d.	Result in the loss of forest land or conversion of forest land to non-forest use?				X	NA
e.	Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to nonforest use?				X	NA

*Comment:* Not applicable

- III. AIR QUALITY** - Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

<b>ISSUES:</b>		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact	Information Sources
a.	Conflict with or obstruct implementation of the applicable air quality plan?				X	21
b.	Violate any air quality standard or contribute substantially to an existing or projected air quality violation?				X	21, 22
c.	Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?				X	21, 22

d.	Expose sensitive receptors to substantial pollutant concentrations?				X	21, 22
e.	Create objectionable odors affecting a substantial number of people?				X	B

*Comment:* Not applicable

**IV. BIOLOGICAL RESOURCES - Would the project:**

<b>ISSUES:</b>		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact	Information Sources
a.	Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				X	1, 8
b.	Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?				X	1, 8, A, B
c.	Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				X	1, 8, A, B
d.	Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?				X	NA
e.	Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?				X	1, 8, A, B
f.	Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				X	1, 8, A

*Comment:* Wireless antennae proposed are being mounted upon an existing utility pole. Associated equipment is to be located within a landscape planter area adjacent to Mission Boulevard. No trees are proposed to be disturbed or removed in order to accommodate the additional antennae. No biological impacts will result from this project. No mitigation is required.

**V. CULTURAL RESOURCES - Would the project:**

<b>ISSUES:</b>		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact	Information Sources
----------------	--	--------------------------------	--	------------------------------	-----------	---------------------

a.	Cause a substantial adverse change in the significance of a historical resource as defined in §15064.57?				<b>X</b>	1, 11, 29, A
b.	Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?				<b>X</b>	1, 11, 29, A
c.	Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?				<b>X</b>	1, 11, 29, A
d.	Disturb any human remains, including those interred outside of formal cemeteries?				<b>X</b>	1, A

*Comment:* No known significant historical, paleontological or archaeological resource, site structure or object has been identified either on the project site or in the general area of the project site. There are no known unique cultural resources, and therefore, no potential for restrictions. However, should any human remains or historical or unique archaeological resources be discovered during site development work, the provisions of CEQA Guidelines, Section 15064.5(e) and (f) for notification and evaluation will be followed to reduce impacts to a less than significant level. No mitigation is required.

**VI. GEOLOGY AND SOILS - Would the project:**

<b>ISSUES:</b>		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact	Information Sources
a.	Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				<b>X</b>	26
	i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.				<b>X</b>	5, 6, 26
	ii) Strong seismic ground shaking?				<b>X</b>	5, 6, 26
	iii) Seismic-related ground failure, including liquefaction?				<b>X</b>	5, 6, 26
	iv) Landslides?				<b>X</b>	5, 6, 26
b.	Result in substantial soil erosion or the loss of topsoil?				<b>X</b>	8, A, 26 B
c.	Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?				<b>X</b>	8, A, B
d.	Be located on expansive soil, as defined in California Building Code), creating substantial risks to life or property?				<b>X</b>	6, 26
e.	Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?				<b>X</b>	6, 26

*Comment:* Not applicable

**VII. GREENHOUSE GAS EMISSIONS - Would the project:**

<b>ISSUES:</b>		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact	Information Sources
----------------	--	--------------------------------	--	------------------------------	-----------	---------------------

a.	Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?				X	22, 23
b.	Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?				X	22, 23

*Comment:* Because of the broad context and setting of the potential impacts of contributing to global climate change, the assessment of project-level emissions looks at whether a project's emissions would significantly affect the ability of the State to reach its AB 32 goals. In this case, there are no direct emissions related to the facility and no impacts, and it does not substantially contribute to either local or statewide emission inventories.

#### VIII. HAZARDS AND HAZARDOUS MATERIALS - Would the project:

<b>ISSUES:</b>		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact	Information Sources
a.	Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?				X	1, B
b.	Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?				X	1, B
c.	Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?				X	1, B
d.	Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				X	18
e.	For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?				X	NA
f.	For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?				X	NA
g.	Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?				X	6
h.	Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?				X	29

*Comment:* Not applicable.



**IX. HYDROLOGY AND WATER QUALITY -- Would the project:**

<b>ISSUES:</b>		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact	Information Sources
a.	Violate any water quality standards or waste discharge requirements?				<b>X</b>	1, 16, B
b.	Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pro-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?				<b>X</b>	NA
c.	Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?				<b>X</b>	1, A, B
d.	Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?				<b>X</b>	1, A, B
e.	Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?				<b>X</b>	1, A, B
f.	Otherwise substantially degrade water quality?				<b>X</b>	1, 16, A, B
g.	Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?				<b>X</b>	NA
h.	Place within a 100-year flood hazard area structures which would impede or redirect flood flows?				<b>X</b>	17
i.	Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?				<b>X</b>	17
j.	Inundation by seiche, tsunami, or mudflow?				<b>X</b>	NA

*Comment:* The project calls for installation of a 200-square-foot concrete pad within an existing landscaped area. Addition of the concrete pad, which is roughly centered within the landscaped area, will not substantially alter the flow of water through the landscaped area, which flow proceeds through the planter toward the southeast. No mitigation is required.

**X. LAND USE AND PLANNING - Would the project:**

<b>ISSUES:</b>		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact	Information Sources
a.	Physically divide an established community?				<b>X</b>	1, 2, A, B
b.	Conflict with any applicable land use plan, policy, or				<b>X</b>	1, 2

	regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?					
c.	Conflict with any applicable habitat conservation plan or natural community conservation plan?				X	NA

*Comment:* Not applicable.

## XI. MINERAL RESOURCES -- Would the project:

<b>ISSUES:</b>		<i>Potentially Significant Impact</i>	<i>Potentially Significant Unless Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>	<i>Information Sources</i>
a.	Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?				X	8
b.	Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?				X	8

*Comment:* Not applicable.

## XII. NOISE -- Would the project result in:

<b>ISSUES:</b>		<i>Potentially Significant Impact</i>	<i>Potentially Significant Unless Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>	<i>Information Sources</i>
a.	Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?				X	9, B
b.	Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?				X	9, B
c.	A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?				X	9, B
d.	A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?				X	9, B
e.	For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?				X	NA
f.	For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?				X	NA

*Comment:* The existing noise environment along Mission Boulevard is that of a major arterial street in excess of 65 Ldn. The project will not add routine noise because the noise caused by antennae and equipment cabinets is negligible against the existing background noise environment and will not increase noise levels by 3 decibels, which would be a discernible increase in noise. No noise impacts are identified. No mitigation is required.

**XIII. POPULATION AND HOUSING -- Would the project:**

<b>ISSUES:</b>		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact	Information Sources
a.	Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?				<b>X</b>	NA
b.	Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?				<b>X</b>	NA
c.	Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?				<b>X</b>	NA

*Comment:* Not applicable.

**XIV. PUBLIC SERVICES**

<b>ISSUES:</b>		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact	Information Sources
a.	Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:					
	Fire protection?				<b>X</b>	NA
	Police protection?				<b>X</b>	NA
	Schools?				<b>X</b>	NA
	Parks?				<b>X</b>	NA
	Other public facilities?				<b>X</b>	NA

*Comment:* Not applicable.

**XV. RECREATION**

<b>ISSUES:</b>		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact	Information Sources
a.	Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				<b>X</b>	NA
b.	Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?				<b>X</b>	NA

*Comment:* Not applicable.

**XVI. TRANSPORTATION/TRAFFIC - Would the project:**

<b>ISSUES:</b>		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact	Information Sources
a.	Exceed the capacity of the existing circulation system, based on an applicable measure of effectiveness (as designated in a general plan policy, ordinance, etc.), taking into account all relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?				X	NA
b.	Conflict with an applicable congestion management program, including, but not limited to a level of service standard standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?				X	NA
c.	Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?				X	NA
d.	Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				X	25
e.	Result in inadequate emergency access?				X	NA
f.	Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?				X	NA

*Comment:* The proposed antenna installation is located upon a joint pole authority utility pole within a planter strip in the public right of way. The facility extends less than 24" into the bicycle lane. At 31 feet high to the base of the panel antenna, the facility is sufficiently high as to not impede traffic. No mitigation is required.

**XVII. UTILITIES AND SERVICE SYSTEMS - Would the project:**

<b>ISSUES:</b>		Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact	Information Sources
a.	Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?				X	NA
b.	Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?				X	NA
c.	Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?				X	NA
d.	Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?				X	NA
e.	Result in a determination by the wastewater treatment provider which serves or may serve the project that it has				X	NA

	adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?					
f.	Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?				<b>X</b>	NA
g.	Comply with federal, state, and local statutes and regulations related to solid waste?				<b>X</b>	NA

*Comment:* Not applicable.

#### **XVIII. MANDATORY FINDINGS OF SIGNIFICANCE –**

<b>ISSUES:</b>		<i>Potentially Significant Impact</i>	<i>Potentially Significant Unless Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>	<i>Information Sources</i>
a.	Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?				<b>X</b>	8, B
b.	Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?				<b>X</b>	B
c.	Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?				<b>X</b>	NA

*Comment:* The proposed wireless telecommunications facility will not cause significant impacts on the environment. Aesthetic compatibility with existing landscaping and improvements in the vicinity is accomplished through contextual placement of antennae and screening of equipment cabinets. No mitigation is required.

## **GENERAL SOURCE REFERENCES:**

1. Existing land use.
2. City of Fremont General Plan (Land Use Chapter Text and Maps).
3. City of Fremont Municipal Code Title VIII (e.g. Planning and Zoning, Subdivision, Grading and Maps)
4. City of Fremont General Plan (Certified 2009 Housing Element).
5. Alquist-Priolo Earthquake Fault Zoning Act and City of Fremont General Plan (Health and Safety Chapter).
6. City of Fremont General Plan (Health and Safety Chapter).
7. City of Fremont General Plan (Transportation Chapter).
8. City of Fremont General Plan (Natural Resources Chapter, e.g. including Biological resources, including Physical Zones, habitat zones (i.e., Tidal mudflat, wetland, low land, hill, grass land, etc), Unique Natural Areas (i.e., quarries, percolation ponds, etc.), mineral resources, Scenic and Visual).
9. City of Fremont General Plan (Health and Safety Chapter, subsection Noise).
10. City of Fremont General Plan (Public Facilities Chapter).
11. City of Fremont General Plan (Cultural Resources Chapter).
12. City of Fremont General Plan (Park and Recreation Chapter).
13. City of Fremont General Plan (Open Space Chapter).
14. RWQCB National Pollutant Discharge Elimination System (NPDES) Municipal Permit October 2009
15. RWQCB, Construction Storm Water General Permit, September 2009
16. Alameda Countywide Clean Water Program Hydromodification Susceptibility Map 2007
17. Flood Insurance Rate Map (FEMA online) and City of Fremont General Plan (Health and Safety Chapter).
18. Hazardous Waste & Substances Sites List, consolidated by the State Department of Toxic Substances Control, Office of Environmental Information Management, by Ca./EPA, pursuant to Government Code Section 65962.5. Accessed online.
19. Department of Conservation Important Farmland Map 2009
20. City of Fremont Agricultural Preserves Lands Under Contract (2007 Map and List).
21. Bay Area Air Quality Management District: Clean Air Plan (Bay Area Ozone Strategy 2010), CEQA Guidelines 2010.
22. CARB Scoping Plan December 2008
23. City of Fremont Greenhouse Gas Emissions Inventory 2005
24. City of Fremont Municipal Code Title IV Sanitation and Health (e.g. solid waste, tree protection)
25. City of Fremont Municipal Code Title VI Public Works and Public Utilities (e.g. streets and sidewalks)
26. City of Fremont Municipal Code Title VII Building Regulations
27. Fremont Register of Historic Resources and Inventory of Potential Historic Resources
28. Local Cultural Resource Maps (CHRIS)
29. Fremont High Fire Severity Zone Map

## **PROJECT RELATED REFERENCES:**

- A. Site Visit—January 30, 2012
- B. Project Plans